

**CLAIMS**

1. A well cooler for cooling a cooling medium of a driving unit on a ship, such as a marine motor, by means of outboard water, which well cooler can be placed in a well space present in the ship, which lies at least partially below the outboard water level and which is in open communication with the outboard water, the well cooler comprising at least one cooling element for the cooling medium, which extends into the well space and which is surrounded by outboard water during operation, and the ship furthermore being provided with a cathodic corrosion protection system, **characterized in that** the well cooler is provided with means that prevent the cooling element from being affected by stray current corrosion.
2. A well cooler according to claim 1, **characterized in that** said means are accommodated in the well space.
3. A well cooler according to claim 1 or 2, **characterized in that** said means surround the cooling element at least partially.
4. A well cooler according to any one or more of the preceding claims, **characterized in that** said means are at least partially pervious to the outboard water.
5. A well cooler according to any one or more of the preceding claims, **characterized in that** said means are made of an electrically conductive material.
6. A well cooler according to any one or more of the preceding claims, **characterized in that** said means are composed of a metal mesh.
7. A well cooler according to any one or more of the claims 1-6, **characterized in that** said means are electrically insulated from the cathodic corrosion protection system.
8. A well cooler according to any one or more of the claims 1-6, **characterized in that** said means are electrically connected to the cathodic corrosion protection system.

9. A cathodic corrosion protection system for use on a ship provided with the means as defined in any one or more of the preceding claims.

10. A ship provided with a cathodic corrosion protection system comprising the means as defined in any one or more of the preceding claims.